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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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Maximum DB seq length: 2000000000
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                IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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835
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1: /cgn2_6/ptodata/1/pubpna/USO7_
2: /cgn2_6/ptodata/1/pubpna/USO6_
3: /cgn2_6/ptodata/1/pubpna/USO6_
/cgn2 6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
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/cgn2 6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
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/cgn2 6/ptodata/1/pubpna/US09D_RUBCOMB.seq:*
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/cgn2 6/ptodata/1/pubpna/US09_NEW_PUB.seq:*
/cgn2 6/ptodata/1/pubpna/US09_NEW_PUB.seq:*
/cgn2 6/ptodata/1/pubpna/US09_NEW_PUB.seq:*
/cgn2 6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.

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82.	436.8	450.2	469.8	469.8	542.8	542.8	542.8	19.	747	762.6	N	ω	835	Score
45.8	52.3	53.9	56.3	56.3	65.0	65.0	65.0	•	89.5	•	91.3	100.0	100.0	Query Match
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US-09-880-107-687	US-09-969-034-748	US-09-969-034-750	US-10-242-535A-56189	US-10-085-783A-56189	US-10-099-926-939	US-10-033-528-939	US-09-920-300A-939	US-09-925-300-545	US-10-641-643-79	US-10-172-118-156	US-10-342-887-156	US-10-373-556-6	US-10-373-556-3	ID
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US-10-311-455-1429	US-10-311-455-1230	US-10-311-455-2082	US-10-311-455-172	US-10-204-708-8	US-10-131-827-722	US-10-311-455-1515	US-10-311-455-2147	US-10-312-841-2	US-10-312-841-1	US-09-908-975-22102	JS-09-294-093B-2020	US-10-424-599-94878	US-10-437-963-43648	US-10-425-114-19867) US-09-770-961-618	US-09-938-842A-355	JS-09-938-842A-355	US-09-871-161-376	US-09-925-299-318	JS-09-925-299-318	US-09-918-995-26075	US-09-969-034-557	US-10-725-969A-26	US-10-373-556-5	US-10-373-556-1	US-10-146-502-2101	US-10-046-935-2101	US-09-878-178-2101	US-10-242-535A-21733	US-10-085-783A-21733
Sequence 1429, Ap	Sequence 1230, Ap		Sequence 172, App	Sequence 8, Appli	Sequence 722, App	Sequence 1515, Ap	Sequence 2147, Ap	Sequence 2, Appl	Sequence 1, Appl	Sequence 22102, A	Sequence 2020, Ap	Sequence 94878, A	Sequence 43648, A	Sequence 19867, A	Sequence 618, App	Sequence 355, App	Sequence 355, App	Sequence 376, App	Sequence 318, App	Sequence 318, App	Sequence 26075, A	Sequence 557, App	Sequence 26, Appl	Sequence 5, Appli	Sequence 1, Appli	Sequence 2101, Ap	Sequence 2101, Ap	Sequence 2101, Ap	equen	Sequence 21733, A

ALIGNMENTS

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Publication No. US20030224402A1

Publication No. US20030224402A1

GENERAL INFORMATION:
APPLICANT: Paul B. Fisher
APPLICANT: Dong-chul Kang
APPLICANT: Dong-chul Kang
TITLE OF INVENTION: PROGRESSION SUPPRESSED GENE 13 (PSGen13)
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: A34586-A-PCT-USA (070050.2305)
CUURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US/10/373,556
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: PCT/US01/26795
PRIOR FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 09/448,310
PRIOR FILING DATE: 2000-08-25
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 835
TYDE: DNA
ORGANISM: homo sapiens
US-10-373-556-3
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US-10-373-556-3
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Best Local Similarity
Matches 835; Conserv
61 CAGCCGTCTTTCTCTTTGCCTCAGCCACTTCCTTCCTTCGCCTCACCCTCCCCAGTGCAC
                           61 CAGCCGTCTTTCTCTTTGCCTCAGCCACTTCCTTCCTTCGCCTCACCCTCCCCAGTGCAC 120
                                                                                         1 GGCACGAGGCTTGAGCGCAGAAACACTTACTTTTCCCCCTACCCTGCTCCTCCTCCTCCA
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Length

835;

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Sequence 6, Application US/10373556

Publication No. US20030224402A1

GENERAL INFORMATION:
APPLICANT: Paul B. Fisher
APPLICANT: Dong-chul Kang
APPLICANT: Dong-chul Kang
APPLICANT: Dong-chul Kang
APPLICANT: Dong-chul Kang
TITLE OF INVENTION: PROGRESSION SUPPRESSED GENE 13
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: A34586-A-PCT-USA (070050.2305)
CURRENT APPLICATION NUMBER: US/10/373,556
CURRENT APPLICATION NUMBER: PS/10/373,556
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: POT/US01/26795
PRIOR APPLICATION NUMBER: 09/648,310
PRIOR FILING DATE: 2001-08-25
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 6
; LENGTH: 835
; TYPE: DNA
; ORGANISM: homo s
US-10-373-556-6
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  Sequence 156, Application US/1034
Publication No. US20040058340A1
GENERAL INFORMATION:
APPLICANT: Dai, Hongyue
APPLICANT: He, Yudong
APPLICANT: Linsley, Peter S.
APPLICANT: Mao, Mao
APPLICANT: Roberts, Christopher
APPLICANT: Van 't Veer, Laura J
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Query Match
Best Local Similarity
Matches 835; Conserv
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Pred. No. 1.3e-196;
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Mao, Mao Roberts, Christopher J. Van 't Veer, Laura Johanna

US/10342887

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APPLICANT: Bernards, Rene
TITLS OF INVENTION: Diagnosis and Prognosis of Breast Canc
FILE REFERENCE: 9301-188-999
CURRENT APPLICATION NUMBER: US/10/342,887
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: 60/298,918
PRIOR RPILING DATE: 2001-06-18
PRIOR PILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: 60/380,710
PRIOR APPLICATION NUMBER: 10/172,118
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Best Local Similarity
Matches 765; Conserv
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Pred. No. 1.2e-178;
0; Mismatches 4;
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APPLICANT: SUBSTITUTE OF INVENTION: Diagnosis and Prognosis of TITLE OF INVENTION: Diagnosis and Prognosis of FILE REFERENCE: 9301-175-999
CURRENT APPLICATION NUMBER: US/10/172,118
CURRENT FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 60/380,770
PRIOR FILING DATE: 2002-05-14
NUMBER OF SEQ ID NOS: 2699
SEQ ID NO 156
LENGTH: 876
TYPE: DNA
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: AF116682
DATABASE ENTRY DATE: 2001-06-18
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APPLICANT: Dai, Hongyue
APPLICANT: He, Yudong
APPLICANT: Linsley, Peter
APPLICANT: Mao, Mao
APPLICANT: Roberts, Chris
APPLICANT: Van 't Veer, Laura
APPLICANT: Van de Vijver, Marc
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US-10-172-118-156
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Best Local Similarity
Matches 765; Conserv
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Pred. No. 1.2e-178;
0; Mismatches 4;
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US-10-641-643-79
                                                                                                                             ; SEQUENCE DESCRIPTION: SEQ US-10-641-643-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 79, Applicati
Publication No. US2004
GENERAL INFORMATION:
                                                                    Matches
                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                  TELEPHONE: (650) 855-05;
TELEPAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/641,643
FILING DATE: 14-Aug-2003
CLASSIFICATION - CUnknown>
PRIOR APPLICATION NUMBER: CUNknown>
PRIOR APPLICATION NUMBER: CUNknown>
APPLICATION NUMBER: CUNKnown>
APPLICATION NUMBER: 37,071
REGISTRATION UNBER: 37,071
REGISTRATION UNBER: 37,071
REFERENCE/DOCKET NUMBER: 39,0001 US
TELEBOOMMINICATION INFORMATION:
TELEBOOMMINICATION INFORMATION:
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ADDRESSEE: INCYTE PHARMACEUTICALS,
STREET: 3174 FORTER DRIVE
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TYPE: nucleic acid
STRANDEDNESS: single
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STATE: CALIFORNIA
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CLONE: 012364
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Susan G. Stuart
Susan G. Stuart
Jeffrey J. Seilhamer
OF INVENTION COMPOSITION FOR THE
OF INVENTION GENE EXPRESSION
1508
                                                                    Conservative
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US20040077003A1
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                                                                  Score 747; DB 17;
Pred. No. 8.5e-175;
D; Mismatches 5;
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    GENERAL INFORMATION:
APPLICANT: Craig Rosen,
APPLICANT: Steve Ruben
ITITLE OF INVENTION: Nucleic Acids, Proteins an
FILE REFERENCE: PA101
CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
SOFTWARE: PAtentin Ver. 2.0
SEQ ID NO 545
LENGTH: 778
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TYPE: DNA
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RESULT 7
US-09-920-300A-939/c
US-09-920-300A-939/c
; Sequence 939, Application
; Patent No. US20020136728A1
; GENERAL INFORMATION:
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; OTHER INFORMATION: n equals
; NAME/KEY: misc feature
; LOCATION: (652)
; CTHER INFORMATION: n equals
US-09-925-300-545
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Best Local Simi
Matches 620;
APPLICANT: King, Gordon E.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Xu, Jiangchun
APPLICANT: Secrist, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCE
FILE REFERENCE: 210121.547
CURRENT APPLICATION NUMBER: US/09/920,300A
CURRENT FILING DATE: 2001-07-31
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NAME/KEY: misc
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Pred. No. 3.8e-143;
0; Mismatches 1;
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; SOFTWARE: FastSEQ for Windows Version
; SEQ ID NO 939
; LENGTH: 552
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-920-300A-939
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              TGTCTT
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                                                                 AAACTGAAGACCAACTCCTATGAGAAATATTATGATGTTTATGTAATAAAGACATGTAAC
                                                                                                                TTGTTCATAAATAATTAGACATTTTCTATAGATATTTGACATTCTGCGAAAAGCAACAAGC
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TGTCTT
                                                 AAACTGAAGACCAACTCCTATGAGAAATATTATGATGTTATGTAATAAAGACATGTAAC
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Sequence 33, Application US/10033528

Publication No. US20020131971A1

GENERAL INFORMATION:
APPLICANT: King, Gordon E.
APPLICANT: King, Gordon E.
APPLICANT: Weagher, Madeleine Joy
APPLICANT: Secrist, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
FILE REPERENCE: 210121.547C1
CURRENT APPLICATION NUMBER: US/10/033,528
CURRENT FILING DATE: 2001-12-26
NUMBER OF SEQ ID NOS: 1896
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 939
LENGTH: 552
TYPE: DNA
ORGANISM: Homo sapiens RESULT 8 US-10-033-528-939/c CANCER

THE

US-10-033-528-939

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APPLICANT: Secrist, Heather
APPLICANT: Siang, Yuqiu
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: COMPOSITIONS OF COLON CANCER
FILE REFERENCE: 210121.547C2
CURRENT APPLICATION NUMBER: US/10/099,926
CURRENT FILING DATE: 2002-03-17
NUMBER OF SEQ ID NOS: 1982
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 939
LENGTH: 552
TYPE: DNA
ORGANISM: Homo sapiens
US-10-099-926-939
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Publication No. US20030166064A1
GENERAL INFORMATION:
APPLICANT: King, Gordon E.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Xu, Jiangchun
APPLICANT: Scrist, Heather
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Query Match
Best Local Similarity
Matches 544; Conser
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Score 542.8; DB 15; pred. No. 3e-124; 0; Mismatches 2;
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Pred. No. 3e-124;
0; Mismatches 2;
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US-10-085-783A-56189
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APPLICANT: Chondrogene Inc.

APPLICANT: Liew, C.C.

APPLICANT: Liew, C.C.

FILE REFERENCE: 4231/2002

CURRENT FILING DATE: 2002-02-28

PRIOR APPLICATION NUMBER: US 60/305,340

PRIOR APPLICATION NUMBER: US 60/275,017

PRIOR FILING DATE: 2001-07-13

PRIOR APPLICATION NUMBER: US 60/275,017

PRIOR FILING DATE: 2001-03-12

PRIOR APPLICATION NUMBER: US 60/271,955

PRIOR FILING DATE: 2001-03-12

PRIOR APPLICATION NUMBER: US 60/271,955

PRIOR FILING DATE: 2001-03-12

PRIOR APPLICATION NUMBER: US 60/271,955

PRIOR FILING DATE: 2001-03-12

PRIOR APPLICATION NUMBER: US 60/271,955

PRIOR FILING DATE: 2001-03-12

PRIOR APPLICATION NUMBER: US 60/271, 955

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PRIOR APPLICATION NUMBER: US 60/271, 955

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PRIOR APPLICATION NUMBER: US 60/271, 955

PRIOR FILING DATE: 2001-03-12

PRIOR APPLICATION NUMBER: US 60/271, 955

PRIOR FILING DATE: 2001-03-12

PRIOR APPLICATION NUMBER: US 60/271, 955

PRIOR FILING DATE: 2001-03-12

PRIOR PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 56189, Application US/10085783A Publication No. US20040037841A1 GENERAL INFORMATION:
Query Match 56.3
Best Local Similarity 99.6
Matches 471; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAACTGAAGACCAACTCCTATGAGAAATATTATGATGTTATGTAATAAAGACATGTAAC
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                                                      99.68;
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             Score 469.8; DB 13;
Pred. No. 3.6e-106;
0; Mismatches 2;
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                  Indels
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                  Gaps
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APPLICANT: Chondrogene Inc.

APPLICANT: Liew, C.C.

APPLICANT: Liew, C.C.

FILE REFERENCE: 4231/2005

FILE REFERENCE: 4231/2005

CURRENT APPLICATION NUMBER: US/10/242,535A

CURRENT FILING DATE: 2002-09-12

PRIOR APPLICATION NUMBER: US 10/085,783

PRIOR APPLICATION NUMBER: US 60/305,340

PRIOR FILING DATE: 2001-07-13

PRIOR FILING DATE: 2001-07-13

PRIOR APPLICATION NUMBER: US 60/275,017

PRIOR APPLICATION NUMBER: US 60/275,017

PRIOR APPLICATION NUMBER: US 60/271,955

PRIOR FILING DATE: 2001-02-28

NUMBER OF SEQ ID NOS: 58994

SOFTWARE: Patentin version 3.2

TENGTH: 483
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; ORGANISM: Human
US-10-242-535A-56189
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US-10-242-535A-56189
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Publication No. US20040013663A1
GENERAL INFORMATION:
                                                                                                                                                                      Query Match
Best Local Similarity
Matches 471; Conserv
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                                                                                                                               GGGTTCAAAAAATGCTGATGGAAAGTTAAGCGTGAAATTTTGGGGGTCCTCTTCCGTGATGA 306
                                                                               AGAGGCAGCAATGAATGTGGATCACGAGGTTAACCTCTTAGTGGAGGAAATTCATCGTTT
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GEGTTCAAAAAATGCTGATGGAAAGTTAAGCGTGAAATTTGGGGTCCTCTTCCGTGATGA
                                                                                                               CTTTGTAAACGAAAGGAGATTCATGTTTTAGAAGTCTGTCCTTTTTTATATCT
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                                                       AGAGGCAGCAATGAATGTGGATCACGAGGTTAACCTCTTAGTGGAGGAAATTCATCGTTT
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                                                                                                                                                                     Score 469.8; DB 16; Pred. No. 3.6e-106; 0; Mismatches 2;
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APPLICANT: Burgess, Christopher C.
APPLICANT: Astle, Jon H.
APPLICANT: Catino, Theodore J.
APPLICANT: Catino, Theodore J.
APPLICANT: Dwivedi, Poornima
APPLICANT: Molino, Gary A.
APPLICANT: Thiagalingam, Arunthathi
APPLICANT: Thiagalingam, Arunthathi
APPLICANT: Lewis, Marcia E.
TITLE OF INVENTION: Nucleic Acid Sequences Differentially
TITLE OF INVENTION: Expressed in Cancer Tissue
FILE REFERENCE: 1657/1032
CURRENT APPLICATION NUMBER: 60/237,271
PRIOR APPLICATION NUMBER: 60/237,271
PRIOR FILING DATE: 2000-02-10
UNIMBER OF SEQ ID NOS: 4494
NUMBER OF SEQ ID NOS: 4494
                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-969-034-750
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US-09-969-034-750
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 750, Application US/09969034 Publication No. US20040110668A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version SEQ ID NO 750
                                                                                                                                                                                                                                                                                                                                     Matches 488;
                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 405, 447, 472, 485, 497, 513, 534, 537, 541, 543,
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 594
                                                                                                                                                                                                                                                                                                                                                            ocal Similarity
                                            186
                                                                                      128
                                                                                                            126 AAGGTAACCGGGTCCAGACCCACGCGGGGCCACTTCTCCGGCGGAAAGGAAAACCGCGCACA
      188
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                               GAGAGGCAGCAATGAATGTGGATCACGAGGTTAACCCTCTTAGTGGAGGAAATTCATCGTT
                                                                                                                                                                                                   GTCTTTCTCTTTGCCTCAGCCACTTCCTTCCTTCGCCTCACCCTCCCCAGTGCACTGAAG
                                                                                                                                                                                                                                                      GGGTCTTGAGCGCAGAAACACTTACTTTTCCCCCTACCCTGCTCCTCCTCCTCCACAGCC
                                                                                    CTTTGTAAACGAAAGGAGATTCATGTTTTAGAAGTCTGTCCTTTTTTATATCT
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                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                     53.9%;
                                                                                                                                                                                                                                                                                                                               Score 450.2; DB 12; Pred. No. 3e-101; Mismatches 74;
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APPLICANT: Carroll, Eddie III
APPLICANT: Carroll, Eddie III
APPLICANT: Dwivedi, Poornima
APPLICANT: Dwivedi, Poornima
APPLICANT: Thiegalingam, Arunthathi
APPLICANT: Thiegalingam, Arunthathi
APPLICANT: Thiegalingam, Arunthathi
APPLICANT: Lewis, Marcia E.
TITLE OF INVENTION: Nucleic Acid Sequences Differentially
TITLE OF INVENTION: Expressed in Cancer Tissue
FILE REFERENCE: 1657/1032
CURRENT FAPLICATION NUMBER: US/09/969,034
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: 60/237,271
PRIOR APPLICATION SEQUENCE: 1000-02-10
NUMBER OF SEQ ID NOS: 4494
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 748
LENGTH: 717
Type: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:

APPLICANT: Burgess, Christopher C.

APPLICANT: Astle, Jon H.

APPLICANT: Carroll, Eddie III

APPLICANT: Catino, Theodore J.

APPLICANT: Dwivedi, Poornima

APPLICANT: Molino, Gary A.

APPLICANT: Thiagalingam, Arunthathi

APPLICANT: Lewis, Marcia E.
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                                                                                                                                                                                                                                                                                 ; FEATURE:
NAME/KEY: misc_feature
; LOCATION: 452, 481, 482, 505, 521, 536,
; LOCATION: 643, 657, 664, 673, 691, 695,
; OTHER INFORMATION: n = A,T,C or G
US-09-969-034-748
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US-09-969-034-748
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Best Local Similarity
Matches 453; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    546
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GAGGCTTGAGCGCAGAAACACTTACTTTTCCCCCTACCCTGCTCCTCCTCCTCCACAGCC 65
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                                                                                           GTCTTTCTCTTTGCCTCAGCCACTTCCTTCGCTTCGCCTCACCCTCCCCAGTGCACTGAAG 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ACTITGTAAACGAAAGGAGATT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Application US/09969034
o. US20040110668A1
                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                        52.3%;
97.8%;
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                                                                                                                                                                                                          Score 436.8; DB Pred. No. 7e-98; 0; Mismatches
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APPLICANT: Gene Logic, Inc.
APPLICANT: Gene Logic, Inc.
TITLE OF INVENTION: Gene Expression Profiles in
FILE REFERENCE: 44921-5028-W0
CURRENT APPLICATION NUMBER: US/09/880,107
CURRENT FILING DATE: 2001-06-14
PRIOR APPLICATION NUMBER: US 60/211,379
PRIOR PILING DATE: 2000-06-14
PRIOR APPLICATION NUMBER: US 60/237,054
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 3950
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 687
LENGTH: 406
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 3950
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 687, Application US/09880107
Patent No. US20020142981A1
GENERAL INFORMATION:
APPLICANT: Horne, Darci T.
APPLICANT: Wockley, Joseph G.
APPLICANT: Scherf, Uwe
APPLICANT: Gene Logic, Inc.
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US-09-880-107-687/c
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Best Local S
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                                                                                                                                                                    512 AAACATTTGAAACATACTTAATGTATTTTTATAGAACTTTTGTAAACGAAAGGAGATTCATG
                                                                                                                                                                                                                                                                                                                     452 CATATCTTTATGTACTGCCATTTTTTGTTTCTGGTAAACTGGAATATAAAGTGAAAGAAC
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                 GGGCAGGGATGGGAATGTTTGTTCATAAATAATTAGACATTTTCTATAGATATTTTGACAT
                                                                                          AAATCCTATTATTTTTCTCAGGAATCTGGTTAGGAATTGCAGGCAATGAGATTTTTTTGCG
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GGGCAGGGATGGGAATGTTTGTTCATAAATAATTAGACATTTTCTATAGATATTTGACAT
                                                                        AAATCCTATTATTTTTCTCAGGAATCTGGTTAGGAATTGCAGGCAATGAGATTTTTTGCG
                                                                                                                                              TATTACTGCAA--GATTAATGTGGTTTACATATCTTTATGTAC
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                                                                                                                                                                                                                                                                                                                                                                      0;
                                                                                                                                                                                                                                                                                                                                                                    Score 382.4; DB 9
Pred. No. 1.5e-84;
0; Mismatches 1.
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WS-10-085-783A-21733
US-10-085-783A-21733, Application US/10085783A

Sequence 21733, Application US/10085783A

Publication No. US20040037841A1

GENERAL INFORMATION:
APPLICANT: ChondroGene Inc.
APPLICANT: Liew, C.C.
TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
FILE REFERENCE: 4231/2002
CURRENT APPLICATION NUMBER: US/10/085,783A
CURRENT FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: US 60/305,340
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/275,017
PRIOR APPLICATION NUMBER: US 60/275,017
PRIOR APPLICATION NUMBER: US 60/275,917
PRIOR APPLICATION NUMBER: US 60/275,955
PRIOR FILING DATE: 2001-03-12
SEQ ID NO 21733
LENGTH: 400
TYPE: DNA
ORGANISM: Human
PEATURE:
NAME/KEY: misc_feature
LOCATION: (23).. (23)
COURSE INFORMATION: nisc_feature
LOCATION: (23).. (23)
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Best Local Similarity
Matches 387; Conserv
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OTHER INFORMATION: n is
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LOCATION: (48)..(48)
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Db 301 CATTATATTACTGCAAGATTAATGTGGUTTACATATCTTATGTACTGCCATTTTTTGTT 360
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Search completed: August 21, 2004, 18:32:57 Job time: 595.895 secs

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2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
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US-09-621-976-17956
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US-08-790-988-1
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Sequence 16, Appl
Sequence 17956, Appl
Sequence 376, Appl
Sequence 20, Appl
Sequence 20, Appl
Sequence 21, Appl
Sequence 213, Appl
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Sequence 42, Appli
Sequence 77, Appl
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Sequence 146, App	Sequence 23, Appl	Sequence 22, Appl	Sequence 1, Appli	Sequence 1, Appli	Sequence 71, Appl	Sequence 2373, Ap	Sequence 50, Appl	Sequence 81, Appl	Sequence 1, Appli	Sequence 3346, Ap	Sequence 14, Appl	Sequence 268, App	Sequence 9, Appli				

ALIGNMENTS

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Sequence 79, Application US/09023655
Patent No. 6607879
GENERAL INFORMATION:
APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FC
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE DUADMACEITICAL
US-09-023-655-79
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US-09-023-655-79
                                                                                                            TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: "SEQUENCE CHARACTERISTICS:
LENGTH: 786 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                       CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/O
FILING DATE: HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                      TOPOLOGY: line IMMEDIATE SOURCE:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS
        MMEDIAL
LIBRARY: Thri.
                                                                      STRANDEDNESS: single TOPOLOGY: linear
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TELEFAX: (650) 8
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RESULT 2
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US-09-644-460-26
Sequence 26, Application US/09644460
Sequence 26, Application US/09644460
Sequence 26, Application US/09644460
Fatent No. 6657053
GENERAL INFORMATION:
APPLICANT: Fisher, Paul B.
TITLE OF INVENTION: Reciprocal Subtraction I TITLE OF INVENTION: Display
FILE REPERENCE: 34587-C-PCT-USA
CURRENT APPLICATION NUMBER: US/09/644,460
CURRENT APPLICATION NUMBER: DCT/US99/04323
PRIOR APPLICATION NUMBER: PCT/US99/04323
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PRIOR FILING DATE: 1998-11-23
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PRIOR APPLICATION NUMBER: US 09/
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 42
SOFTWARE: FastSEQ for Windows Ve
SEQ ID NO 26
I ENGTH: 800
TYPE: DNA
ORGANISM: homo sapiens
US-09-644-460-26
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                                                                       AGCAACAAGCAAACTGAAGACCAACTCCTATGAGAAATATTATGATGTTTATGTAATAAA
                                                                                                                           ATGGGAATGTTTGATAAATAATTAGACATTTTCTATAGATATTTGACATTCTGCGAA
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Pred. No. 7.1e-72;
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RESULT 3 US-09-621-976-17956

Sequence 17956, Appendix No. 6639063

Application US/09621976

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US-09-385-982-376
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LENGTH: 611
TYPE: DNA
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TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 17956
LENGTH: 219
TYPEE. NNA
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GENERAL INFORMATION:
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Matches 197; Conserv
               Query Match
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NUMBER OF SEQ ID NOS: 544
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/385,982
CURRENT FILING DATE: 1999-08-30
EARLIER APPLICATION NUMBER: 09/328,111
EARLIER FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: 60/117,393
EARLIER FILING DATE: 1999-01-27
EARLIER APPLICATION NUMBER: 60/098,639
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION TITLE OF INVENTION: PRODUCTS: II FILE REFERENCE: CCDNA-260XX CURRENT APPLICATION: TOTAL PRODUCTS OF THE PROPERTY OF 
                                                                                 FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(611)
OTHER INFORMATION: n =
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Pred. No. 1.3e-39;
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SEQ ID NO 8
LENGTH: 6020
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Patent No. 6677731
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PRIOR FILING DATE: 2001-04-06
PRIOR PILING DATE: 2001-04-06
PRIOR PILING DATE: 2000-04-06
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR PILING DATE: 2000-04-07
PRIOR PILING DATE: 2000-09-01
PRIOR PILING DATE: 2000-09-01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: OLEK, Alexander
APPLICANT: PIEDENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
TITLE OF INVENTION: by Assessing DNA Methylation
FILE REFERENCE: 5013.1012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/10/204,708
CURRENT FILING DATE: 2003-05-06
                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           521 AACATACTTAATGTATTTTTATAGAACTTTGTAAACGAAAGGAGATTCATGTTTTAGAAG
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                                                                                                                                    TGATGTTGACATTATTACTGCAAGATTAATGTGGTTTACATATCTTTATGTACTGCCA 471
                                             TGTATTTTTA--TAGAACTTTGTAAACGAAAGGAGATTCATGTTTTAGAAGTCTGTCCTT
                                                                                        AACATACTTAATGGATTTTTATAGAACTTTGNAAACCAAAGGAGATTCATGTTTTANAAG
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Conservative
                                                                                                                                                                                                                          Score 50; DB 4;
Pred. No. 0.0022;
0; Mismatches 13:
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US-09-644-460-20
Sequence 20, Application US/09644460
Sequence 10, Application US/09644460
GENERAL INFORMATION:
APPLICANT: Fisher, Paul B.
TITLE OF INVENTION: Reciprocal Subtraction Differential
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US-09-032-684-20
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Patent No. 5882874
                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 5555
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC poymatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: Line...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/032,684 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
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                                                                                                                                                     TGGAAAATATTATGTTATGTAATAAAAAAA 150
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1185 Avenue of the Americas
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Pred. No. 0.0096;
0; Mismatches 5
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                                                                                                                                                                                                                                                                                                                                                                                      DB 2;
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; TYPE: DNA
; ORGANIEM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 235..399
US-09-621-976-2813
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; ORGANISM: homo sapiens
US-09-644-460-20
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PRIOR FILING DATE: 1999-02-26
PRIOR APPLICATION NUMBER: US 09/197,889
PRIOR FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: US 09/185,115
PRIOR APPLICATION NUMBER: US 09/185,115
PRIOR FILING DATE: 1998-11-03
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 42
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SOFTWARE: Patent.pm
SEQ ID NO 2813
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                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No. 663906
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSTI.054F2.
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
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FILE REFERENCE: 34587-C-PCT-USA
CURRENT APPLICATION NUMBER: US/09/644,460
CURRENT FILING DATE: 2000-08-23
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ATGTGGTTTACATATCTTTATGTACTGCCATTTTTTGTTTCTGGTAAACTGGAATATAAA
                                                                      AGGAGAGCTGCTTCTGCAAGGTGTTCATGATGATGTTGACATTATATTACTGCAAGATTA 441
                                                                                                        CWTKRWRASWWYCWWWGKARKWSTWRKSRSYASARSAKRCCYSCSWGAMSWKYMWRMWRW 231
                                                                                                                                          RĠWATGAGMKAWRASCMMRRKYAGKSKTSYKSMWMCWTRSWKYCYTKARWTGYYCYRKGG 291
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                                                                                                                                                                            ; Score 45.2; DB 4;
; Pred. No. 0.018;
88; Mismatches 136;
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Pred. No. 0.0096;
                                                                                                                                                                                                                  Length 832;
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RESULT 10
US-08-731-722-4
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 125;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: WATANABE, HIDEMI
APPLICANT: WATANABE, HIDEMI
APPLICANT: WATANABE, HIDEMI
APPLICANT: SAKAKI, YOSHIYUKI
TITLE OF INVENTION: GENOME DNA OF BACTERIAL SYMBIONT OF APHIDS
FILE REFERENCE: 081356/0159
CURRENT APPLICATION NUMBER: US/09/790,988
CURRENT APPLICATION NUMBER: US/09/790,988
CURRENT FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: JP2000-107160
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 7
NUMBER OF SEQ ID NOS: 7
                                                                                                                                GENERAL INFORMATION:
APPLICANT: Martin, Frank N.
TITLE OF INVENTION: Biocont
TITLE OF INVENTION: by Pyth
NUMBER OF SEQUENCES: 8
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ORGANISM: Buchnera
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 640681
COUNTRY: US
ZIP: 32606-6669
COMPUTER READABLE FORM:
                                                                                                                  CORRESPONDENCE ADDRESS
                                                     STATE:
                                                                   CITY: Gainesville
                                                                                 ADDRESSEE: Saliwanchik & Saliwanchik STREET: 2421 N.W. 41st Street, Suite
                                                                                                                                                                                                                                                                                                                         618654
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25; Conservative
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                                                                                                                                                                                                                                                                                                                       AAATAATTTACAATAGGATCAAAATATTATGTTACACAATTTATTAAATCCCCAATCA 618595
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                                                                                                                                                                                                                                                                                                                                                                                                                TGTATTTTTATAGAACTTTGTAAACGAAAGGAGATTCATGTTTTAGAAGTCTGTCCTTTT 591
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                                                                                                                                     by Pythium
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                                                                                                                                                                     Biocontrol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 44.8; DB 4; Length 6 Pred. No. 0.34; Indels 0; Mismatches 112; Indels
                                                                                                                                                of Fungal Soilborne oligandrum
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RESULT 11
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Best Local Similarity
Matches 172; Conserv
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ATTORNEY/AGENT INFORMATION:
NAME: Whitlock, Ted W.
REGISTRATION NUMBER: 36,9
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 352-372-5800 INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (9
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 1218 base pair
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
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COMPUTER: IE
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                                                                                                                                                              726 AGACATTTTCTATAGATATTTGACATTCTGCGAAAGCAACAAGCAAACTGAAGACCAACT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        486 TAAACTGGAATATAAAGTGAAAGAACAAACATTTGAACATACTTAATGTATTTTTATAGA
                                                                                      CCTATGAGAAATATTATGATGTTATGTAATAAAGACATGTAACTGTCTT
                                                                                                                                                                                                                                                                                                                                             TATTAATTATTTÄÄÄTTGTGTAAÄTCCACCÄGÄÄÄTTTTAACTATTATÄÄÄTÄTTG-ÄÄG
                                                                                                                          AACTTTTACTTATATTTCTAAATAATAATCTGAATTTAAACAGTAGACCCTATGAACCTT
                                                                                                                                                                                                                                                                                                      AAAATCTATGTATGATGCTATAAAATAAATCCTATTATTTTTCTCAGGAATCTGGTTAGG
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Pred. No. 0.034;
0; Mismatches 176;
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US-10-204-708-42

Sequence 42, Application US/10204708

Patent No. 6677731

GENERAL INFORMATION:
APPLICANT: PIEDENBROCK, Christian
APPLICANT: BEELIN, Kurt

INTILE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
FILE OF INVENTION: Dy Assessing DNA Methylation
FILE REFERENCE: 5013.1012
CURRENT APPLICATION NUMBER: US/10/204,708
CURRENT FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: PCT/EP01/03971
PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR APPLICATION NUMBER: DE 10019173.8
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RESULT 12
US-09-221-017B-77/c
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Best Local Similarity
Matches 128; Conserv
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PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 77, Application US/09221017B Patent No. 6444799
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ORGANISM: Artificial Sequence
                                                                                                                                                                               SOFTWARE: FASTEM: Windows
SOFTWARE: FASTEE for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/221,017B
FILING DATE: 23-DEC-1994
CLASCOTTON
                                                APPLICATION NUMBER: PP15-
FILING DATE: 30-JAN-1998
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 8537
                                                                                     FILING DATE: 31-DEC-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PP1546
                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: ROSS, Bruce C.
TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF
NUMBER OF SEQUENCES: 1120
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
APPLICATION NUMBER: FILING DATE: 09-APR-RIOR APPLICATION DATA:
                                                                                                                                                                                                                                                        COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                      STREET: 755 PAGE MILL ROAD CITY: Palo Alto
                                                                                                                                     APPLICATION NUMBER:
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                09-APR-1998
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RESULT 13
US-08-299-953-1/c
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                                                                                                                                                                                                                                                                       Sequence 1, Application US/08299953
Patent No. 5646333
GENERAL INFORMATION:
APPLICANT: Dobres, Michael S. and Mandaci, Sevnur
TITLE OF INVENTION: A Plant Promoter Useful for Directing the
TITLE OF INVENTION: Expression of Foreign Proteins to the Plant Epidermis
TUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 100; Conserv
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                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/299,953
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORIGINAL SOURCE:
ORGANISM: PORYPHYROMONAS GINGIVALIS
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: MONTOY, Gladys H
REGISTRATION NUMBER: 32,430
REFERENCE/DOCKET NUMBER: 27
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/AU98/01023 FILING DATE: 10-DEC-1998 ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION: NAME: Beardell, Lori Y.
                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DI
HYPOTHETICAL: NO
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TELEFAX: 706141
                                                                                                                                                                                                                                      ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. STREET: One Liberty Place 46th. Floor CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 650-494-0792
                                   FILING DATE: Herewith CLASSIFICATION: 435
                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature LOCATION: 1...1189
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Pred. No. 0.078;
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                                                                                                                 #1.25
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US-08-459-415-1/c
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 113; Conserv
TELEFAX: 215-568-3439 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 215-564-8960
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 215-564-8960
                                                                                                FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,
                                                                                                                                                                 FILING DATE: 02-JUN-1
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Dobres, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linea MOLECULE TYPE: DN HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ANTI-SENSE: NO
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                                                                                   REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/459,415
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DEDNESS: double
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N: 435
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48.7%; Pred. No. 0.13;
htive 1; Mismatches 118; Indels 0
                                                                                                34,293
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roteins to the Plant Epidermis
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RESULT 15
US-09-066-687-1/c
US-09-066-687-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 113; Conserv
                                                                                                           TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 2861 base pair:
                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:

NAME: Beardell, Lori Y.

REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: NOVA
TELECOMMUNICATION INFORMATION:
TELECHONCE: 215-564-8960
            MOLECULE TYPE:
HYPOTHETICAL: 1
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM CO-DOS/MG-DOS
OPERATING SYSTEM: PC-DOS/MG-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Dobres, TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
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STATE: F..
19103
PRAD
                                                          STRANDEDNESS: dou
TOPOLOGY: linear
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STREET: One Libert;
CITY: Philadelphia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
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One Liberty Place 46th. Floor
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ilarity 48.7%;
Conservative
               NO
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A Plant Promoter Useful for Directing
Expression of Foreign Proteins to the
                                          (genomic)
                                                                                                                                                                                                                                                                                                                                          Release #1.0,
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Pred. No. 0.13;
"" ematches 118;
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Search Job tim	Дb	8	ф	γQ	Db	ΥQ	рb	γQ	Best Match
Search completed: August 21, 2004, 15:35:35 Job time : 83.1393 secs	646 TTTTTTTTTAATATCTATAACAATTTTTATAAAGAGTGATGTTATATTAA 595	583 TGTCCTTTTTATATCTTGAAAGAAATCTATGTATGATGCTATAAAATAAA 634	706 TAAATATCACATTAATGTTTTTTCTTCTTAGTCTGATCTTTAAAAAATATTTGGCATAA 647	523 CATACTTAATGTATTTTATAGAACTTTGTAAACGAAAGGAGATTCATGTTTTAGAAGTC 582	766 TTTTTAGATTAATTTTTTATAAAAASTTAATCATTTATTTTAAACAAATAAAT	463 GTACTGCCATTTTTTGTTTCTGGTAAACTGGAATATAAAGTGAAAGAACAACAATTTGAA 522	826 TGTTAGTAATAATGGTGATATGCCAGTATTAAATCAATATTAAAATATTAATTTATATCA 767	403 TGTTCATGATGATGTTGACATTATATTACTGCAAGATTAATGTGGTTTACATATCTTTAT 462	Best Local Similarity 48.7%; Pred. No. 0.13; Matches 113; Conservative 1; Mismatches 118; Indels 0; Gaps 0;

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Result
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Maximum DB
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Perfect score:
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Maximum Match 100%
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
       754.8
335.2
320.4
320.4
30.2
288.2
288.2
288.2
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Match Length DB
          100.0

100.0

96.8

43.0

41.1

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38.7

38.7

38.7

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32.7

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31.0

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Gapop 10.0 , Gapext 1.0
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780
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Published Applications NA:*
/cgn2_6/ptodata/1/pubpna
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// cgn2_6/ptodata//pubpna/PCT_NEW_PUB.seq:*
// cgn2_6/ptodata//pubpna/USO6_PUBCOMB.seq:*
// cgn2_6/ptodata/1/pubpna/USO6_PUBCOMB.seq:*
// cgn2_6/ptodata/1/pubpna/USO7_NEW_PUB.seq:*
// cgn2_6/ptodata/1/pubpna/USO7_NEW_PUB.seq:*
// cgn2_6/ptodata/1/pubpna/USO8_NEW_PUB.seq:*
// cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
// cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
// cgn2_6/ptodata/1/pubpna/USO9E_PUBCOMB.seq:*
// cgn2_6/ptodata/1/pubpna/USOPE_PUBCOMB.seq:*
// cgn2_6/ptodata/1/pubpna/USOPE
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          1137 7331133
11337 7333133
  13 US-10-373-556-1
13 US-10-373-556-5
17 US-10-725-959A-26
18 US-10-373-556-3
18 US-10-373-556-6
18 US-10-373-556-6
18 US-10-172-118-156
18 US-10-172-118-156
19 US-10-641-643-79
10 US-09-925-300-545
10 US-09-925-304-756
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15 US-10-085-783A-21733
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Sequence 1, Appli
Sequence 26, Appli
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Sequence 156, App
Sequence 156, App
Sequence 156, App
Sequence 545, App
Sequence 545, App
Sequence 750, App
Sequence 748, App
Sequence 56189, A
Sequence 56189, A
Sequence 56189, A
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e 5993,	equence 22102	æ	e 973	equenc	equence 89,	578	Sequence 202772,	Sequence 202772,	Sequence 385, App	4150,	Sequence 94878, A	Sequence 2020, Ap	687,	e 210	e 2101	2101,	436	e 618	e 355	55,	Sequence 19867, A	318	318,	20,	260	Sequence 939, App	e 93	quence 939,	equence 557	Sequence 21733, A

ALIGNMENTS

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APPLICANT: Paul B. Fisher
APPLICANT: Paul B. Fisher
APPLICANT: Dong-chul Kang
APPLICANT: Zao-Zhong Su
TITLE OF INVENTION: PROGRESSION SUPPRESSED GENE 13 (PSGen13)
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: A34586-A-PCT-USA (070050.2305)
CURRENT APPLICATION UNUMBER: US/10/373,556
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION UNUBER: PCT/US01/26795
PRIOR APPLICATION UNUBER: PCT/US01/26795
PRIOR APPLICATION UNUBER: 09/648,310
PRIOR APPLICAT
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CTTCCTTCTTCTGCTTCTTCCTCCCTAGGGCGCGGAAGCTGAGTGCAGGGTTCAGACCCA
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Pred. No. 2e-213;
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US-10-373-556-5

US-10-373-556-5

Sequence 5, Application US/10373556

Publication No. US20030224402A1

GENERAL INFORMATION:
APPLICANT: Paul B. Fisher
APPLICANT: Dong-chul Kang
APPLICANT: Tong-chul Kang
APPLICANT: Zao-Zhong Su
TITLE OF INVENTION: PROGRESSION SUPPRESSED GENE 13
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: A34586-A-PCT-USA (070050.2305)
CURRENT APPLICATION NUMBER: US/10/373,556
CURRENT APPLICATION NUMBER: PCT/US01/26795
PRIOR APPLICATION NUMBER: PCT/US01/26795
PRIOR APPLICATION NUMBER: 09/648,310
PRIOR FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 09/648,310
PRIOR FILING DATE: 2000-08-25
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 780
TYPE: DNA
ORGANISM: rattus norvegicus
US-10-373-556-5
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                 Score 780; DB 13;
Pred. No. 2e-213;
; Mismatches 0;
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TCTTAAGAAGGTAATCGGGAGACGTAGGCAATAAAATGTTTTCAGAGGTGCGAAAAAGCT
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RESULT 3

US-10-725-969A-26
; Sequence 26, Application US/10725969A
; Publication No. US20040132076A1
; GENERAL INFORMATION:
 APPLICANT: Fisher, Paul B.
 TITLE OF INVENTION: Reciprocal Subtraction Differential Display
; FILE REFERENCE: 34587-C-PCT-USA-I
CURRENT APPLICATION NUMBER: US/10/725,969A
; CURRENT FILING DATE: 2003-12-02
; PRIOR APPLICATION NUMBER: US 09/644,460
PRIOR APPLICATION NUMBER: US 09/644,460
PRIOR APPLICATION NUMBER: PCT/US99/04323
; PRIOR APPLICATION NUMBER: US 09/197,889
; PRIOR APPLICATION NUMBER: US 09/197,889
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; PRIOR APPLICATION NUMBER: US 09/185,115

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RESULT 4
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NUMBER OF SEQ ID NOS: 42
SOFTWARE: FastSEQ for Windows V
SEQ ID NO 26
LENGTH: 800
TYPE: DNA
ORGANISM: rattus norvegicus
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Best Local Similarity
Matches 778; Conserv
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 Application US/10373556
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Pred. No. 3.5
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APPLICANT: Paul B. Fisher
APPLICANT: Dong-chul Kang
APPLICANT: Dong-chul Kang
APPLICANT: Zao-Zhong Su
ITITLE OF INVENTION: PROGRESSION SUPPRESSED GENE 13
ITITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: A34586-A-PCT-USA (070050.2305)
CURRENT APPLICATION NUMBER: US/10/373,556
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: PCT/US01/26795
PRIOR FILING DATE: 2001-08-27
PRIOR FILING DATE: 2001-08-27
INUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 835
TYPER: DATE: DATE: 2007-08-25
INUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 835
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; ORGANISM: homo
US-10-373-556-3
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Best Local S
Matches 539
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Pred. No. 1.7e-85;
O; Mismatches 218;
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GENERAL INFORMATION:
APPLICANT: Paul B. Fisher
APPLICANT: Dong-chul Kang
APPLICANT: Zao-Zhong Su
APPLICANT: Zao-Zhong Su
TITLE OF INVENTION: PROGRESSION SUPPRESSED GENE 13
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: A34586-A-PCT-USA (070050.2305)
CURRENT APPLICATION NUMBER: US/10/373,556
CURRENT APPLICATION NUMBER: US/10/373,556
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: PCT/US01/26795
PRIOR FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 09/648,310
PRIOR APPLICATION NUMBER: 09/648,310
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NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 6
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Best Local (
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TYPE: DNA
ORGANISM: homo sapiens
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                                                                         AAGTTCCTTATGTATTTTATAGACCTTTGTAAACAAAAGGGGGACT--TGTTGAGAAGTC
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Pred. No. 1.7e-85;
0; Mismatches 218;
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APPLICANT: Bernards, Rene
TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Pat
FILE REFERENCE: 9301-188-999
CURRENT APPLICATION NUMBER: US/10/342,887
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: 60/298,918
PRIOR FILING DATE: 2001-06-18
PRIOR FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: 60/380,710
PRIOR FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: 60/172,118
PRIOR APPLICATION NUMBER: 10/172,118
PRIOR FILING DATE: 2002-06-14
PRIOR DATE: 2002-06-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Homo
US-10-342-887-156
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US-10-342-887-156

; Sequence 156, Application US/10342887

; Publication No. US20040058340A1
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APPLICANT: Dai, Hongyue
APPLICANT: He, Yudong
APPLICANT: Linsley, Peter S.
APPLICANT: Mao, Mao
APPLICANT: Roberts, Christopher J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 69.0%;
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Van de Vijver, Marc J.
Bernards, Rene
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Pred. No. 3.2e-81;
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TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients
FILE REFERENCE: 9301-175-999
CURRENT APPLICATION NUMBER: US/10/172,118
CURRENT FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 60/380,770
PRIOR FILING DATE: 2002-05-14
NUMBER OF SEQ ID NOS: 2699
LENGTH: 876
LENGTH: 876
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 156, Application US/10172118
Publication No. US20030224374A1
GRMERAL INFORMATION:
APPLICANT: Dai, Hongyue
APPLICANT: Linsley, Peter
APPLICANT: Linsley, Peter
APPLICANT: Mao, Mao
APPLICANT: Mao, Mao
                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                        Matches
                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
DATABASE ACCESSION NUMBER: AF116682
DATABASE ENTRY DATE: 2001-06-18
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Mao, Mao
Roberts, Chris
Van 't Veer, Laura
Van de Vijver, Marc
                 GGTCAGCAATGAACGTGGAGCATGAGGTTAACCTCCTGGTGGAGGAAATTCATCGTCTGG
                                                                                                                   TTTCTCTTAGCCCGAACCACTTCCTTCTTCTTCTTGTTCCTCCTAGGGCGCGGAAGCTG
AGGCAGCAATGAATGTGGATCACGAGGTTAACCTCTTAGTGGAGGAAATTCATCGTTTGG
                                                TACTGCAAGATTAATGTGGTTTACATATCTTTATGTACTGCCATTTTTTGTTTCTGGTAA
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                                                                                                                                                                 41.18;
                                                                                                                                                  Score 320.4; DB 13; Length Pred. No. 3.2e-81; 0; Mismatches 211; Indels
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                                                                                                                                                                            COUNTRY: USA
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RESULT 8
US-10-641-643-79
; Sequence 79, Application US/10641643
; Publication No. US20040077003A1
; GENERAL INFORMATION:
                                                                                           ZIP: 94304
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Winde
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/641,643
FILING DATE: 14-AUG-2003
FILING DATE: 14-AUG-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:

APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSE: INCYTE PHARMACEUTICALS,
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cocks, Benjamin G.
Susan G. Stuart
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VENTION: COMPOSITION FOR
GENE EXPRESSION
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Best Local Similarity
Matches 527; Conserv
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TELEPAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LIBRARY: THP1PLB01
CLONE: 012364
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001
TELECOMMUNICATION INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
                           AAGGTAATCGGGAGACGTAGGCAATAAAATGTTTTCAGAGGTGCGAAAAAAGCTTTTGTTT
                                                                                                                                                                           TATTTTTATAGAACTTTGTAAACGAAAGGAGATTCATGTTTTAGAAGTCTGTCCTTTTTT
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                                                                                                                 <u> AATCTGGTTAGGAATTGCAGGCAATGAGATTTTTTTGCGGGGCAGGGATGGGAATGTTTGT</u>
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                                                        TCATAAATAATTAGACATTTTCTATAGATATTTGACATTCTGCGAAAGCAACAAGCAAAC
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Pred. No. 5.9e-76;
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NAME/KEY: misc feature
LOCATION: (641)
OTHER INFORMATION: n equals a
NAME/KEY: misc feature
LOCATION: (652)
OTHER INFORMATION: n equals a
US-09-925-300-545
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APPLICANT: Steve Ruben
TITLE OF INVENTION: Nucleic Acids, Proteins and
FILE REFERENCE: PALO1
CURRENT APPLICATION NUMBER: US/09/925,300
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05988
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR PILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1890
SOFTWARE: Patentin Ver. 2.0
SSEQ ID NO 545
LENGTH: 778
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US-09-925-300-545
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 451;
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Best Local Similarity
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AGTCCTGTTTTATACCTTGGAGCAAAACATTACAATGTAAAAATAAACAAAACCTGTTA 591
                                                                                                                                                                                    TGTTCATGATGATGTTGACATTGTATTGCTGCAAGATTAATGTGGTTTGCAGATCTGGGG
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                                                                                               GTACTGCCATTTTTTGTTTCTGGTAAACTGGAAT-ATAAAGTGAAAGAACAAACATTTGA
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Pred. No. 5.5e-72;
2; Mismatches 167;
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APPLICANT: Dwivedi, Poornima

APPLICANT: Molino, Gary A.

APPLICANT: Molino, Gary A.

APPLICANT: Lewis, Marcia E.

TITLE OF INVENTION: Nucleic Acid Sequences Differentially
TITLE OF INVENTION: Expressed in Cancer Tissue
FILE REFERENCE: 1657/1032

CURRENT APPLICATION NUMBER: US/09/969,034

CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: 60/237,271
PRIOR APPLICATION NUMBER: 60/237,271
PRIOR FILING DATE: 2000-02-10
NUMBER OF SEQ ID NOS: 4494
SOFTWARE: FASTSEQ for Windows Version 4.0

ISSUE DE NOT 50
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US-09-969-034-750
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Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
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ORGANIAM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 405, 447, 472, 485, 497, 513, 534, 537, 541,
OTHER INFORMATION: n = A,T,C or G
-09-969-034-750
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APPLICANT:
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APPLICANT: Astle, Jon H.
APPLICANT: Carroll, Eddie III
APPLICANT: Catino, Theodore J.
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                                                                                                                                         TCTGAAAGCCGCAAAACGAAGGAAGATTGTTACGTACGCAGGAGAGCTGCTTTTGCAAGG
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                                NGTTCATGATGATGATCATTATATTACTGCAAGAATAATGNGGGTTACATATCTTTAT
                                                                                                          TCTTAAAGCTGCAAAACGAAGGAAGATTGTAACATATCCAGGAGAGCTGCTTCTACAAGG
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Pred. No. 8.1e-65;
0; Mismatches 102;
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APPLICANT: Astle, Jon H.
APPLICANT: Carroll, Eddie III
APPLICANT: Catino, Theodore J.
APPLICANT: Dwivedi, Poornima
APPLICANT: Dwivedi, Poornima
APPLICANT: Molino, Gary A.
APPLICANT: Molino, Gary A.
APPLICANT: Lewis, Marcia E.
TITLE OF INVENTION: Nucleic Acid Sequences Differentially
TITLE OF INVENTION: Expressed in Cancer Tissue
FILE REFERENCE: 1657/1032
CURRENT APPLICATION NUMBER: US/09/969,034
CURRENT APPLICATION NUMBER: US/09/969,034
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: 60/237,271
PRIOR APPLICATION SERVENCE: 60/237,271
PRIOR FILING DATE: 2000-02-10
NUMBER OF SEQ ID NOS: 4494
SOFTWARE: FastSEQ for Windows Version 4.0
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, NAME/KEY: misc feature
, LOCATION: 452, 481, 482, 505, 521,
, LOCATION: 643, 657, 664, 673, 691,
, OTHER INFORMATION: n = A,T,C or G
US-09-969-034-748
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US-09-969-034-748
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TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                TGTTCATGATGATGTTGACATTGTATTGCTGCAA--GATTAATGTGGTTTGCAGATCTGG
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APPLICANT: Chondrogene Inc.

APPLICANT: Liew, C.C.

APPLICANT: Liew, C.C.

TITLE OF INVENTION. Compositions and Methods Relatiing to FILE REFERENCE: 4231/2002

CURRENT APPLICATION NUMBER: US/10/085,783A

CURRENT APPLICATION NUMBER: US 60/305,340

PRIOR APPLICATION NUMBER: US 60/305,340

PRIOR FILING DATE: 2001-07-13

PRIOR APPLICATION NUMBER: US 60/275,017

PRIOR APPLICATION NUMBER: US 60/271,955

PRIOR FILING DATE: 2001-03-12

PRIOR FILING DATE: 2001-03-12

PRIOR FILING DATE: 2001-03-28

NUMBER OF SEQ ID NOS: 58994

SOFTWARE: Patentin version 3.2

SEQ ID NO 56189

LENGTH: 483
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US-10-085-783A-56189
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US-10-242-535A-56189
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; ORGANISM: Human
US-10-085-783A-56189
Sequence 56189, Application US/10242535A
Publication No. US20040013663A1
GENERAL INFORMATION:
APPLICANT: Chondrodene Inc.
APPLICANT: Liew, C.C.
TITLE OF INVENTION: Compositions and Methods Relating
FILE REFERENCE: 4231/2005
FULE REFERENCE: 4231/2005
CURRENT APPLICATION NUMBER: US/10/242,535A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 56189, Application US/10085783A Publication No. US20040037841A1 GENERAL INFORMATION:
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Best Local Similarity
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77.5%;
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Pred. No. le-58;
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RESULT 14

US-10-085-783A-21733
; Sequence 21733, Application US/10085783A
; Sequence 21733, Application US/20040037841A1
; Publication No. US20040037841A1
; Publication No. US20040037841A1
; GENERAL INFORMATION:
GENERAL INFORMATION: Compositions and Methods Relating to Osteoarthritis
TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
FILICANT: Liew, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
FILICANT: Liew, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
FILICANT: Liew, C.C.
; TITLE OF INVENTION COMPOSITIONS, 783A
; CURRENT APPLICATION NUMBER: US/10/085,783A
; CURRENT APPLICATION NUMBER: US 60/275,017
; PRIOR FILING DATE: 2001-07-13
; PRIOR PILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 60/271,955
; PRIOR PILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 58994
; SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US 10/085,783
PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: US 60/305,340
PRIOR APPLICATION NUMBER: US 60/275,017
PRIOR FILING DATE: 2001-07-13
PRIOR FILING DATE: 2001-03-12
PRIOR FILING DATE: 2001-03-12
PRIOR APPLICATION NUMBER: US 60/271,955
PRIOR APPLICATION NUMBER: US 60/271,955
PRIOR FILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 58994
SOFTWARE: PALENTIN VETSION 3.2
SEQ ID NO 56189
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; ORGANISM: Human
US-10-242-535A-56189
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Best Local Similarity
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; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (328)..(328)
; OTHER INFORMATION: n is
US-10-242-535A-21733

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FEATURE:
NAME/KEY: misc_feature
LOCATION: (48)..(48)
OTHER INFORMATION: n is OTHER INFORMATION: n is NAME/KEY: misc_feature LOCATION: (23)..(23)

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28.0%;

Score 218.2; DB 16; Pred. No. 4.8e-52; 0; Mismatches 65;

Length 400;

0;

Gaps

118 CCACGCGGGGAGCAGCTCTTCAGTGAAGAAGGAAGCAATCGGAGGGTCAGCAATGAACGT

CCACGCGGCGCCAGTTCTCCGGCNGGAAGGAAAACCGCGCAGAGAAGGCAATGAATGT

Query Match Best Local

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; SOFTWARE: PatentIn version 3
; SEQ ID NO 21733
; LENGTH: 400
; TYPE: DIA
ORGANISM: Human
; FEATURE:
                                                                                          TITIES OF INVESTION: Compositions and Methods Rel
FILE REFERENCE: 4231/2005
CURRENT APPLICATION NUMBER: US/10/242,535A
CURRENT FILING DATE: 2002-09-12
PRIOR APPLICATION NUMBER: US 10/085,783
PRIOR FILING DATE: 2002-02-28
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/305,340
PRIOR APPLICATION NUMBER: US 60/275,017
PRIOR APPLICATION NUMBER: US 60/275,017
PRIOR APPLICATION NUMBER: US 60/271,955
PRIOR FILING DATE: 2001-03-12
PRIOR FILING DATE: 2001-02-28
PRIOR FILING DATE: 2001-02-28
PRIOR FILING DATE: 2001-02-28
PRIOR FILING DATE: 2001-03-12
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                                                                                                                                                                                                                                                                                                           Sequence 21733, Application US/10242535A
Publication No. US20040013663A1
GENERAL INFORMATION:
APPLICANT: Chondrocene Inc.
APPLICANT: Liew, C.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches 256;
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Best Local Similarity
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LENGTH: 400
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OTHER INFORMATION: n is
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NAME/KEY: misc feature
LOCATION: (23)..(23)
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ORGANISM: Human
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           TGGNTTACATATCTTATGTA 345
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Pred. No. 4.8e-52;
0; Mismatches 65;
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Search completed: August Job time : 559.105 secs

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TGGTTTGCAGATCTGGGGGTA 438

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AGAGCTGCTTTTGCAAGGTGTTCATGATGATGTTGACATTGTATTGCTGCAAGATTAATG

417 264 357 204 297 144 237 84

AGAGCTGCTTCTGCAAGGTGTTCATGATGATGTTGACATTATTACTGCAAGATTAATG

TGAAGCATTGGTAGGAACTCTTAAAGCTGCAAAACGAAGGAATTGTAACATATCCAGG TGGAAAGTTAAGCGTGAAATTTGGGGTCCTCTTCCGTGATGATAAATGTGCCAACCTCTT

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TGGGAAACTGAGTGTGAAGTTTTGGGGTCCTCTTCCAAGACGACAGATGTGCCAATCTCTT

GGAGCATGAGGTTAACCTCCTGGTGGAGGAAATTCATCGTCTGGGTTCCCAAAAATGCCGA

GGATCACGAGGTTAACCTCTTAGTGGAGGAAATTCATCGTTTGGGTTCAAAAAATGCTGA

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sequence 26, Appl
sequence 20, Appl
sequence 20, Appl
sequence 17956, Appl
sequence 17956, Appl
sequence 14, Appl
sequence 1656, Appl
sequence 23, Appl
sequence 1656, Appl
sequence 67, Appl
sequence 17, Appl
sequence 19, Appl
sequence 11, Appl
sequence 11, Appl
sequence 12, Appl
sequence 13, Appl
sequence 14, Appl
sequence 17, Appl
sequence 11, Appl
sequence 12, Appl
sequence 13, Appl
sequence 14, Appl
sequence 15, Appl
sequence 16, Appl
sequence 17, Appl
sequence 18, Appl
sequence 19, Appl
sequence 19, Appl
sequence 23, Appl
sequence 32, Appl
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US-09-644-460-26
US-09-644-460-26
; Sequence 26, Application Uf
; Sequence 1657053
Thent No. 6657053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PATENT NO. 6657053

GENERAL INFORMATION:
APPLICANT: Fisher, Paul B.
APPLICANT: Fisher, Paul B.
TITLE OF INVENTION: Reciprocal Subtraction DiffILE REFERENCE: 34587-C-PCT-USA
FILE REFERENCE: 34587-C-PCT-USA
CURRENT APPLICATION NUMBER: US/09/644,460
CURRENT FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US99/04323
PRIOR APPLICATION NUMBER: US 09/197,889
PRIOR APPLICATION NUMBER: US 09/197,889
PRIOR APPLICATION NUMBER: US 09/197,889
PRIOR FILING DATE: 1998-11-03
PRIOR FILING DATE: 1998-11-03
PRIOR APPLICATION NUMBER: US 09/185,115
PRIOR APPLICATION NUMBER: US 09/185,115
PRIOR APPLICATION NUMBER: US 09/032,684
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 42
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; LENGTH: 800
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-644-460-26
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Local Similarity 99.5%;
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           GAAACTGAGTGTGAAGTTTGGGGTCCTCTTCCAAGACGACAGATGTGCCAATCTCTTTGA
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US-10-164-595-7

US-10-164-595-3

US-08-664-596B-23

US-08-664-596B-23

US-09-422-929-5

US-09-426-290-1

US-09-421-976-2813

US-09-621-976-2813

US-09-621-976-16794

US-09-549-849B-93

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Pred. No. 1.3e-213;
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Result

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pred. No. is the number of results pred: score greater than or equal to the score and is derived by analysis of the total

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US-09-644-460-26
US-09-023-655-79
US-09-023-684-20
US-09-032-463-14
US-09-621-976-2813
US-09-621-976-2813
US-09-621-976-2813
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US-09-357-206A-16
US-09-357-206A-16
US-09-357-206A-19
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177 219 219 7218 611 611 7430 7430 11518 1548 5586 6325 6325 6325 6325 6428 6428 7400 112286 7400 112286 7400 112286 7400 112286

Minimum Maximum

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seq

length: 0 length: 2000000000

Total number of hits satisfying chosen parameters:

682709 seqs,

277475446 residues

Post-processing:

Minimum Match 0% Maximum Match 10

Listing

first 45 summaries

100%

Database

Issued Patents NA:*

1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Title: Perfect score:

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Scoring table:

IDENTITY_NUC Gapop 10.0 ,

Gapext 1.0

OM nucleic

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GenCore version Copyright (c) 1993 - 2004

15.1.6 Compugen

August 21, 2004, 11:55:37; Search time 74.8607 Seconds (without alignments) 5782.230 Million cell updates

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RESULT 2
US-09-023-655-79
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                                                                                                                 STREET: 3174 PORTER DRIVE

CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: World Perfect 6.1 for Windows/MS-DOS 6.:
CHARRY APPLICATION NUMBER: US/09/023,655
FILING DATE: HEREWITH
CLASSIFICATION: DATA:
APPLICATION: HEREWITH
CLASSIFICATION: DATA:
APPLICATION: HEREWITH
                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 6607879
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence
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APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Sellhamer
TITLE OF INVENTION: COMPOSITION FO
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA
                                                                                         PRIOR APPLICATION DATA: APPLICATION NUMBER:
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TELEPHONE: (650) 855-0555
TELEPAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 786 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARX: THEIPLEOI
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Best Local Similarity
Matches 527; Conserv
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CLONE: 012364
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                          TGAAGACCAACTCCTATGAGAAATATTATGATGTTTATGTAATAAAGA
                                                               TCATAAATAATTAGACATTTTCTATAGATATTTGACATTCTGCGAAAGCAACAAGCAAAC
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                                                                                               TCTTAAACCATTCTTAGTCT--CTGCCACACTTGACACTCCGTCAAAGTGAGAAGCGAAC
                                                                                                                                AATCTGGTTAGGÄATTGCAGGCAATGÄGÄTTTTTTGCGGGGCAGGGÄTGGGAATGTTTGT
                                                                                                                                                              <u> AAGGTAATCGGGAGACGTAGGCAATAAAATGTTTTCAGAGGTGCGAAAAAAGCTTTTGTTT</u>
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                                                                                                                                                                                                                                                                                                                                                               -----TCTGGTAAACTGGAATAATTAAGTTAAAGGACAAACAT---GAAGTTCCTTATG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TCATCGTTTGGGTTCAAAAAATGCTGATGGAAAGTTAAGCCGTGAAATTTTGGGGTCCTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ACCGCGCAGAGAGGCAATGAATGTGGATCACGAGGTTAACCTCTTAGTGGAGGAAAT
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Pred. No. 1.4e-79;
0; Mismatches 215
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767
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479 489 300

268 180

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120

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210

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Sequence 20, Application US/09644460
Patent NO. 6657053
GENERAL INFORMATION:
APPLICANT: Fisher, Paul B.
TITLE OF INVENTION: Reciprocal Subtraction Dif
TITLE OF INVENTION: Display
FILE REFERENCE: 34587-C-PCT-USA
CURRENT APPLICATION NUMBER: US/09/644,460
CURRENT FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: DT/US99/04323
PRIOR APPLICATION NUMBER: US 09/197,889
PRIOR FILING DATE: 1998-02-26
PRIOR FILING DATE: 1998-11-33
PRIOR APPLICATION NUMBER: US 09/185,115
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                                                                                                                                                                                                                                                                                                                                         RESULT 4
US-09-644-460-20
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Best Local S
Matches 157
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TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 177 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 20, Application US/09032684
Patent No. 5882874
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: LAC
CITY: New York
CTATE: New York
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TITLE OF INVENTION: RECIPR
TITLE OF INVENTION: DISPLA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7 Match 20.1%; Score 157; DB 2; 1 Local Similarity 100.0%; Pred. No. 5.6e-37; Les 157; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 684
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1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RECIPROCAL SUBTRACTION DIFFERENTIAL DISPLAY
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RESULT 5
US-09-621-976-17956
Sequence 17956, Application US/09621976
Fatent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Jobert, S.
FILE OF INVENTION: ESTs and Encoded Human Profile File Reference: GENSET:054PR2
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SEQ ID NO 17956
LENGTH: 219
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; ORGANISM: homo
US-09-644-460-20
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RESULT 6
US-08-232-463-14/c
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PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 42
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 20
LENGTH: 177
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les 157; Conserv
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                                                                                                                                                              711 AAGTGAGAAGCGAACTAAAGACCAACTGCGGTGGAAAATATTATGTTTATGTAATAAAAA 770
                                                                                                                                                                                                                                      652 GAAAAAGCTTTTGTTTTCTTAAACCATT-CTTAGTCTCTGCCACACTTGACACTCCGTCA 710
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                                                                   AGA 184
                                                                                                                                                                                                                                                                                                                                          Conservative
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57.98;
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Pred. No. 5.6e-37;
                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                            Score 49.4; DB 4;
Pred. No. 4.5e-05;
0; Mismatches 76;
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Sequence 14, Application US/08232463 Patent No. 5670367 GENERAL INFORMATION:

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Matches
                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REGISTRATION NUMBER: 30
REFERENCE/DOCKET NUMBER: 30
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1000
CTTY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
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                                 1141
                                                                                         1201
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   ATCTGGTAAACTGGAATAATTAAGTTAAAGGACAAACATGAAGTTCCTTATGTATTTTTA
                                 TTCATGATGATGTTGACATTGTATTGCTGCAAGATTAATGTGGTTTGCAGATCTGGGGGT
                                                                                         TGAAAGCCGCAAAACGAAGGAAGATTGTTACGTACGCAGGAGAGCTGCTTTTGCAAGGTG 377
                                                                                                                                                                              TTGGGGTCCTCTTCCAAGACGACAGATGTGCCAATCTCTTTGAAGCGTTGGTGGGAACTC
                                                                                                                                                                                                                                          TGGTGGAGGAAATTCATCGTCTGGGTTCCAAAAATGCCGATGGGAAACTGAGTGTGAAGT
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1800 Diagonal Road,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DORNER, F. G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (703) 683-4109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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                                                                                                                                                                                                                                                                                                                                                                                        5.6%; Score 44; DB 1; Length 7218;
14.1%; Pred. No. 0.011;
ative 214; Mismatches 274; Indels
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RESULT 8
US-09-385-982-376
; Sequence 376, Application US/09385982
; Patent No. 6262334
; GENERAL INFORMATION:
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US-09-621-976-2813
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CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 2813
LENGTH: 832
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Best Local Similarity
Matches 21; Conserv
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APPLICANT: ENDEGE, WILSON O., ET AL.
TITLE OF INVENTION: NOVEL HUMAN GENES AND
TITLE OF INVENTION: PRODUCTS: II
FILE REFERENCE: CCDNA-260XX
CURRENT APPLICATION NUMBER: US/09/385,982
CURRENT FILING DATE: 1999-08-30
EARLIER APPLICATION NUMBER: 09/328,111
EARLIER FILING DATE: 1999-06-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Dumas Milne Edwards, J.B. APPLICANT: Jobert, S. APPLICANT: Giordano, J.Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: ESTS and FILE REFERENCE: GENSET.054PR2
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                                                                                                                                                                                                                                                                                                                                          CAAAACATTACAATGTAAAAATAAACAAAACCTGTTA 591
                                                                                                                                                                                                                                                                                                                                                                                                                                                               KKKGYMWMYWGWRRSYMAMWTRTWTGYAYYRSMMYWWRYRCWKKKAYYRKTTCYSSKGW
                                                                                                                                                                                                                                                                                                      YASARSAKRCCYSCSWGAMSWKYMWRMWRWRGWATGA
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APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
ITITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 16656
LENGTH: 430
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, NAME/KEY: misc feature
; LOCATION: (1)...(611)
; OTHER INFORMATION: n = A,T,C or
US-09-385-982-376
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Patent No. 6639063
GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 376
LENGTH: 611
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EARLIER FILING DATE: 1999-01-27
EARLIER APPLICATION NUMBER: 60/098,639
EARLIER FILING DATE: 1998-08-31
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ORGANISM: Homo sapiens
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107; Conservative
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                                  CATGAGGTTAACCTCCTGGTGGAGGAAATTCATCGTCTGGGTTCCAAAAATGCCGATGGG
                                                                                                                                                                             TTCCTTCTTCTTGCTTCCTCCCTAGGGCGCGGAAGCTGAGTGCAGGGTTCAGACCCAC
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MRRRRMCMWKGSYTYCYKSSSMMCMARRWKRARGKKRMCCYTKGGGRMMRKYCCMRKKGR
                                                                                                                                          YTYCYKSCCSSYKGSYTTKRAMMWKRRSCYTYSRRRMYYYWRSYWMMRSMWKGSCCCCSG
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                                                                     GSCYKKKKKGKGSCCMRSYMMCCYYYKRARRMMKKGGSCMMYTKRMMRRMCCCCMRRRS
                                                                                                        GCGGCGAGCAGCTCTTCAGTGAAGAAGGAAGCAATCGGAGGGTCAGCAATGAACGTGGAG
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Pred. No. 0.046;
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GENERAL INFORMATION:
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Best Local Similarity
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TELEX: 910 277299
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Recombinant Virus Vectors
TITLE OF INVENTION: Papilloma Virus Proteins
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: Walter H. Dreger
STREET: 4 Embarcadero Center, Suite 3400
                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 720 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,190
REFERENCE/DOCKET NUMBER: A-:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,08:
FILLING DATE: 10-SEP-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: double
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476
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5. 5719054
                                                            ATGCTGTTGTGCTGTTTTGCAGATTGGCCAGAATCATGGTATATGGATACTAATGGTAT
ATCTCTTTTTAACTAAC
                            AAGTCCTGTTTTTATACC
                                                                                        AAACATGAAGTTCCTTATGTATTTTTATAGACCTTTGTAAACAAAAGGGGACTTGTTGAG
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Pred. No. 0.2;
0; Mismatches 100;
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0.2;
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RESULT 11 US-08-117-083-67 ; Sequence 67, Application US/08117083

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RESULT 12
US-09-357-206A-6/c
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Sequence 6, Application US/09357206A
Patent No. 6372962
GENERAL INFORMATION:
APPLICANT: Dinesh Kumar, S.
APPLICANT: Baker, Barbara
TITLE OF INVENTION: Pathogen Resistance in
FILE REFERENCE: 042250/191805 (5830-5)
CURRENT APPLICATION NUMBER: US/09/357,206A
CURRENT FILING DATE: 1999-07-20
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Best Local
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:

NAME: Dreger, Walter H.

REGISTRATION UNUBER: 24,190
REFERENCE/DOCKET NUMBER: A-58
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION: 415-781-1989
TELEFAX: 415-398-3249
TELEFAX: 910 27729
TELEX: 910 27729
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COMPUTER READABLE FORM:
MEDIUM TYPE: Flopby disk
MEDIUM TYPE: Flopby disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC-DOS/MS-DOS
COMPUTER: PC-DOS/MS-DOS
COMPUTER: PC-DOS/MS-DOS
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APPLICANT: Inglis, Stephen C.
APPLICANT: Munro, Alan J.
TITLE OF INVENTION: Recombinant Virus Vectors Encoding
TITLE OF INVENTION: Papilloma Virus Proteins
NUMBER OF SEQUENCES: 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS LENGTH: 1500 base pair
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/117,083
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATGCTGTTGTGCTGTTTGCAGATTGGCCAGAATCATGGTATATGGATACTAATGGTAT 802
                                                                                                                                                                                                                                                                                  AAGTCCTGTTTTATACC 548
                                                                                                                                                                                                                                                                                                                                                            AAACATGAAGTTCCTTATGTATTTTTATAGACCTTTGTAAACAAAAGGGGACTTGTTGAG 530
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                                                        using cDNA-N/Intron Constructs
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SEQ ID NO 16
LENGTH: 5253
TYPE: DNA
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Best Local S
Matches 115
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LENGTH: 1818
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Dinesh-Kumar, & APPLICANT: Baker, Barbara TITLE OF INVENTION: Patho
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PRIOR FILING DATE: 1998-07-20
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin version 3.0
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TYPE: DNA
ORGANISM: Nicotiana glutinosa
                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial FEATURE:
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nes 115; Conserv
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nes 115; Conserv
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3158 TAGACGAAATTÄTÄTTTTAAGTTÄATTTTCTAATATTTAGGATTTTA 3112
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                                                              GGAATAATTA--AGTTAAAGGACAAACATGAAGTTCCTTATGTATTTTTTATAGACCTTTG
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Pred. No. 1.1;
0; Mismatches
                                                                                                                                                                                                                                                      0;
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Pred. No.
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RESULT 15
US-09-357-206A-19/c
; Sequence 19, Application US/09357206A
; Patent No. 6372962
; GENERAL INFORMATION:
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; OTHER INFORMATION: cDNA-N/intron construct: E1-I1-E2-E3-I3-E4-E5
US-09-357-206A-17
                                                                                                            US-09-357-206A-19
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APPLICANT: Dinesh-Kumar, S.
FILE REFERENCE: 04289/191805 (5830-5)
CURRENT APPLICATION NUMBER: U5/09/357,206A
CURRENT FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: U5/0/093,494
PRIOR FILING DATE: 1998-07-20
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 17
LENGTH: 5483
TYPE: DNA
ORGANISM: Artificial
                                                                                                                                                                                                                                                        APPLICANT: Dinesh-Kumar, S.
APPLICANT: Baker, Barbara
APPLICANT: Baker, Barbara
TITLE OF INVENTON: Pathogen Resistance in Plants using cDNA-N/Intron Constructs
FILE REFERENCE: 042250/191805 (5830-5)
CURRENT APPLICATION NUMBER: US/09/357,206A
CURRENT FILING DATE: 199-07-20
PRIOR APPLICATION NUMBER: US 60/093,494
PRIOR FILING DATE: 1998-07-20
UMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn version 3.0
SEQ ID NO 19
INCREMING SEAS
Query Match 4.7%; Score 37; DB 4; Length 5586; Best Local Similarity 50.7%; Pred. No. 1.1; Matches 115; Conservative 0; Mismatches 110; Indels
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Best Local Similarity 50.7%;
Matches 115; Conservative
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Best Local Similarity
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                                                                                                      FEATURE: OTHER INFORMATION: cDNA-N/intron construct: E1-E2-E3-I3-E4-I4-E5
                                                                                                                                                                              LENGTH: 5586
TYPE: DNA
ORGANISM: artificial
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Gaps
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Search completed: August 21, 2004, 15:35:32 Job time : 76.8607 secs Colosu) Altole OCO SILI